

Substance Details Report

January 10, 2017

Core Metadata

Substance Type	Chemical Substance
EPA Registry Name	Dimethylvinyl chloride
EPA Registry Name List	Chemical Identification
Systematic Name	1-Propene, 1-chloro-2-methyl-
Systematic Name List	Chemical Abstracts Index Name
Preferred Acronym	
CAS Number	513-37-1
EPA Identification Number	
TSN Number	
Kingdom	
ICTVDB	
Molecular Formula	C4H7Cl
Molecular Weight	90.55
Comment/Description	

Internal Tracking Number	685792
Substance Status	Approved

Definition

Classifications

Associated Identifiers

There is no information about former or incorrectly used identifiers.

Structure

Notation	Notation Type
CC(=CCl)C	SMILES

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Synonym

Below are the EPA applications/systems, statues/regulations, or other sources that track or regulate this substance. This table shows how each list refers to the substance.

Statutes/Regulations

There are no Synonyms of this type.

EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
CAMEO Chemicals	Dimethylvinyl chloride	Valid		
CERCLIS3	Dimethylvinyl chloride	Valid		
GCES	1-Chloro-2-methylpropene	Valid		
ICIS-Air	Dimethylvinyl chloride	Valid		
STORET	Methyl allyl chloride	Valid		
TSCATS	1-Propene, 1-chloro-2-methyl-	Valid		
WQX	Dimethylvinyl chloride	Valid		

Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CA Index	1-Propene, 1-chloro-2-methyl-	Valid		
ChemIDStd	Dimethylvinyl chloride	Valid		
FDA	1-CHLORO-2-METHYL-1-PROPENE	Unknown		
IARC	1-Chloro-2-methylpropene	Valid		
NTP Chemical Repository	DMVC	Valid		
NTP Chemical Repository	Dimethylvinyl chloride	Valid		
NTP Studies	Dimethylvinyl chloride	Valid		

Ad Hoc List

Ad Hoc List	Synonym	Synonym Quality	Effective Date	End Date
RSL	Dimethylvinylchloride	Unknown		

EPA Synonyms

There are no Synonyms of this type.

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Component Of

Systematic Name	Synonym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Volatile organic compounds	VOCs			E761346		

Related References

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=513-37-1&result=advanced>
http://ntp.niehs.nih.gov/ntp/htdocs/LT_rpts/tr316.pdf
<http://yosemite.epa.gov/oppts/epatscat8.nsf/ReportSearch?OpenAgent&CASNumber=513-37-1>
<http://fdasis.nlm.nih.gov/srs/srsdirect.jsp?regno=JP8N4M44OP>
<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000513371>